

What is claimed is:

1. A configuring system comprising:
a programmable thermostat; and
an interface circuit connected to the thermostat; and
wherein interface circuit has a port for connection to
an external device.
2. The system of claim 1, wherein the port is an infrared
port.
3. The device of claim 2 wherein:
the thermostat is connected to at least one
temperature sensor; and
the external device is for programming the thermostat.
4. The system of claim 3, wherein the external device is
for configuring the thermostat.
5. The system of claim 4, wherein the external device is
for adjusting the thermostat.

6. The system of claim 5, wherein the external device is a personal digital assistant.

7. The system of claim 5, wherein the external device is a personal computer.

8. The system of claim 1, wherein the port is connected to a communication network.

9. The system of claim 8, wherein the external device is capable of programming the thermostat.

10. The system of claim 9, wherein the external device is a personal computer connected to the port via the communication network.

11. The system of claim 9, wherein the external device personal digital assistant connected to the port via the communication network.

12. The system of claim 11, wherein the external device is for programming the thermostat.

13. A method for programming a thermostat, comprising:
 - connecting a port to the thermostat;
 - connecting an external device to the port; and
 - programming the thermostat via the external device.
14. The method of claim 13, wherein:
 - the port is an infrared port; and
 - the external device is a personal digital assistant.
15. The method of claim 14, wherein:
 - the port is connected to a communication network; and
 - the external device is a personal computer.
16. The method of claim 14, wherein the programming the thermostat comprises:
 - configuring the thermostat;
 - automatically adjusting control loop gains as a function of a thermostat configuration; and
 - adjusting set points of the thermostat.
17. A means for remotely programming a thermostat, comprising:

means for providing an external connection to the
thermostat;

means for programming a thermostat; and

means for connecting the means for programming to the
means for providing an external connection to the
thermostat.

18. The means of claim 17, wherein:

the means for connecting is an infrared connection;

and

the means for programming a thermostat is a personal
digital assistant.

19. The means of claim 17, wherein:

the means for connecting is an internet; and

the means for programming is a computer.

20. The means of claim 17, further comprising a means for
downloading a logo and a number to the thermostat

21. The means of claim 20, wherein the means for
downloading a logo and a number to the thermostat is a
personal digital assistant.

22. The means of claim 20, further comprising a means for displaying a downloaded logo and number.

23. The means of claim 18, wherein the thermostat is connected to a means for managing air in at least one space.

24. A configuring system comprising:
a programmable thermostat; and
an interface circuit connected to the thermostat; and
wherein interface circuit has a port for wired or
wireless connection to an external device.

25. The device of claim 24 wherein:
the thermostat is connected to at least one
temperature sensor; and
the external device is for programming the thermostat.

26. The system of claim 25, wherein the external device is for configuring the thermostat.

27. The system of claim 26, wherein the external device is for adjusting set points of the thermostat.

28. The system of claim 5, wherein the external device is a personal digital assistant.